

# Lake Meredith Source Water Protection Project

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**City of Amarillo, TX**

***Facilitated by***

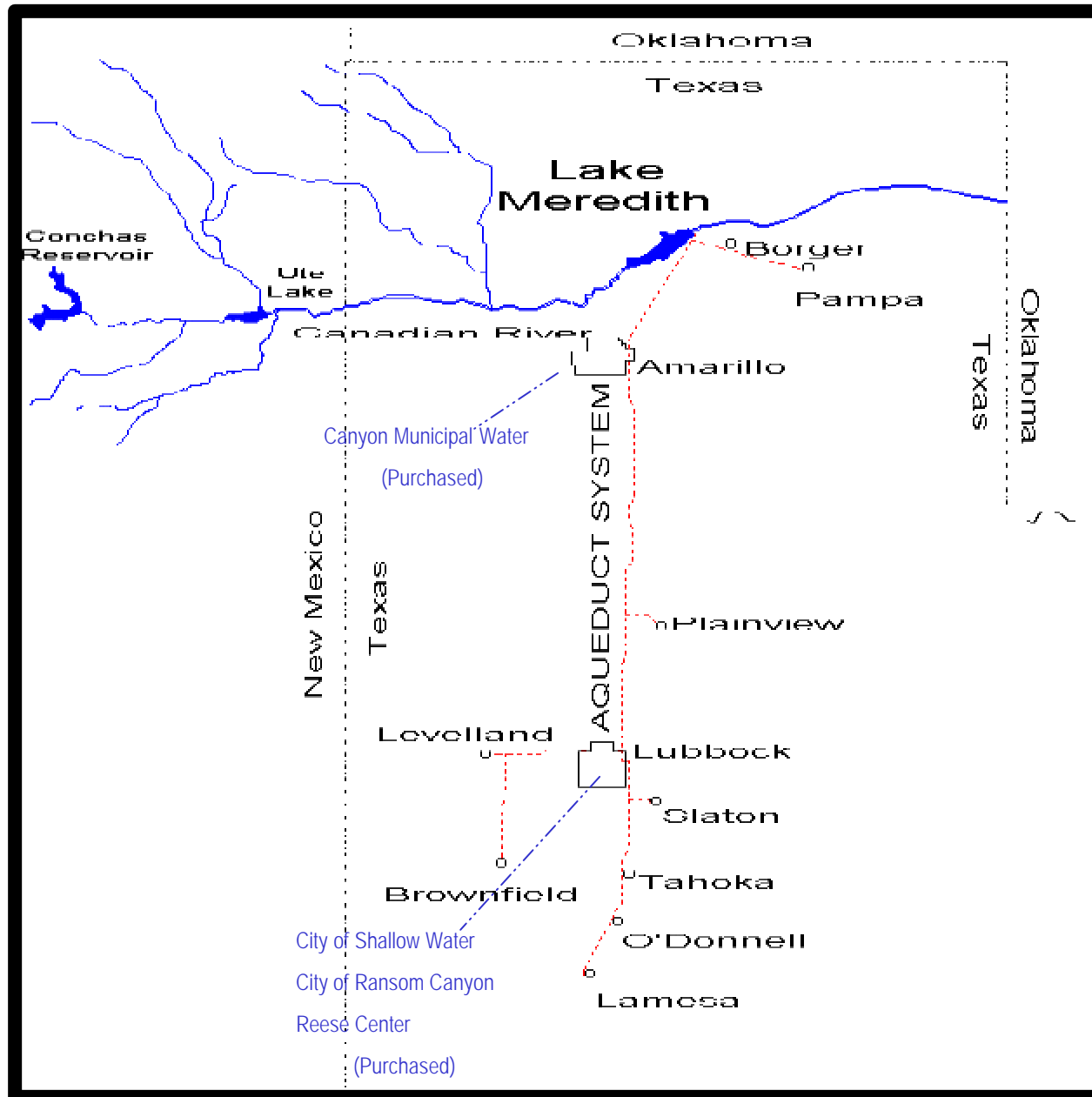
**The University of New Mexico  
(Later New Mexico Tech.)**

**Environmental Finance Center**

**A Pilot Project of the Environmental Finance Center  
Network**

***(Funded by a Cooperative Agreement with the USEPA of  
Groundwater and Drinking Water)***

# Public Water Systems Supplied By Lake Meredith



# **Relationship Development**

- **NM Univ. contacted TNRCC (now TCEQ). TCEQ recommended Lake Meredith because ...**
  - **Multiple PWS's involved. (11 member cities)**
  - **Multiple agencies. (CRMWA, Bu-Rec, NPS, TNRCC, RRC, Tx Dep't. Game & Fish)**
  - **Much of watershed in another state.**



# **Relationship Development**

- **NM Univ. contacted potential “Partners”**
- **Initial (feasibility) meeting held**  
**August 14, 2001**
  - **Goals & activities explained.**
  - **Obtained “buy-in” from potential partners.**
- **Letter of Agreement circulated & signed by partners.**

# Relationship Development



Team Beginning GPS Inventory of Potential Sources of Contamination at Lake Meredith



# Statement of Common Goals.



***“Utilizing multiple partners and other resources; to delineate PSOCs, determine Best Management Practices, develop and implement a written, partner-managed, SWP Plan for the Lake Meredith Areas of Primary Influence.”***

# Partners in Lake Mered Source Water Protection Project

- Canadian River Municipal Water Authority
- Municipalities of Amarillo, Pampa, Borger & others served with water from Lake Meredith
- National Park Service
- Texas Dept. of Game and Fish
- Railroad Commission of Texas (Oil & Gas Division)
- Texas Commission on Environmental Quality
- Retired & Senior Volunteer Program (RSVP)

# The Inventory Team

- ❖ Ike Huval, RSVP
- ❖ Jesse Moses, RSVP
- ❖ Jerry Pool, RSVP
- ❖ Ruben Arias, City of Amarillo
- ❖ Mark Bartels, City of Amarillo
- ❖ Susan Butler, EFC
- ❖ Andy Edmondson, EFC
- ❖ Christy Jones, EFC
- ❖ Peter Murtaugh, EFC
- ❖ Beverly Rizzolo, EFC
- ❖ Newton Carlton, RSVP





# The “Neighborhood”

(stake-holders)

- ❖ The eleven member cities
- ❖ Volunteers
- ❖ The CRMWA
- ❖ Recreational users of the lake
- ❖ The state & federal agencies
- ❖ PSOC generators



# Inventory Breakdown

## Total of 860 Sources

- 53% Sewage
- 19% Gas Wells
- 18% Chemical Storage
- 3% Runoff Sources
- 2% Oil Wells
- 2% Industrial Sites
- 1% Other Wells
- 1 Gas Pump and 1 Marina





**Oil Well Located in Area  
Surrounding Lake Meredith**





**Marina at Lake Meredith**

# Lessons Learned

- We found that some prior initiative had been taken

(TNRCC & the Marina Assoc.)

- And, that there are two (2) “Publics”.

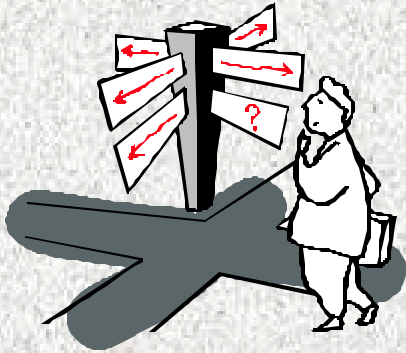
The eleven member cities.

The lake-using public.

- The so-called “priority” PSOCs changed during the life of the project.

# Next Steps

(Over the next 6-months to 1 year)



- **Work with competing interests, to**
  - **Develop a draft management plan, with BMPs,**
  - **Produce the written SWP Plan**



# Well Pardner', That wraps it up!



From the “high & dry” plains of the Texas Panhandle

## THANK YOU !!

for your interest.